

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053122\
 Data File : VU048753.D
 Acq On : 31 May 2022 21:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 01 02:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.375	168	238735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	409432	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	387909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	210850	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	184538	51.470	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.940%	
35) Dibromofluoromethane	5.289	113	144140	49.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	7.899	98	499048	47.662	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.320%	
62) 4-Bromofluorobenzene	10.632	95	199357	50.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	128156	46.892	ug/l	98
3) Chloromethane	1.523	50	155186	44.109	ug/l	99
4) Vinyl Chloride	1.601	62	164887	50.601	ug/l	100
5) Bromomethane	1.842	94	45207	22.510	ug/l	96
6) Chloroethane	1.925	64	98183	55.130	ug/l	99
7) Trichlorofluoromethane	2.134	101	221370	47.568	ug/l	98
8) Diethyl Ether	2.376	74	85829	49.977	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.578	101	122647	48.145	ug/l	97
10) Methyl Iodide	2.720	142	166754	44.425	ug/l	98
11) Tert butyl alcohol	3.176	59	240689	264.789	ug/l #	42
12) 1,1-Dichloroethene	2.575	96	119992	49.383	ug/l	97
13) Acrolein	2.482	56	50225	165.297	ug/l	99
14) Allyl chloride	2.922	41	247400	52.568	ug/l	97
15) Acrylonitrile	3.311	53	564833	286.510	ug/l	98
16) Acetone	2.623	43	469059	256.711	ug/l	99
17) Carbon Disulfide	2.790	76	332077	46.816	ug/l	100
18) Methyl Acetate	2.945	43	268859	58.606	ug/l	99
19) Methyl tert-butyl Ether	3.363	73	489988	53.146	ug/l	98
20) Methylene Chloride	3.044	84	159517	51.339	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	138911	49.978	ug/l	100
22) Diisopropyl ether	3.993	45	504713	58.139	ug/l	93
23) Vinyl Acetate	3.954	43	2210610	293.907	ug/l	99
24) 1,1-Dichloroethane	3.867	63	284849	52.245	ug/l	99
25) 2-Butanone	4.697	43	775834	295.565	ug/l	99
26) 2,2-Dichloropropane	4.665	77	191413	39.132	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	162920	50.641	ug/l	99
28) Bromochloromethane	4.973	49	118589	55.453	ug/l	96
29) Tetrahydrofuran	5.047	42	491690	297.379	ug/l	97
30) Chloroform	5.089	83	282196	51.728	ug/l	99
31) Cyclohexane	5.388	56	227133	50.269	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	241290	48.751	ug/l	98
36) 1,1-Dichloropropene	5.527	75	198500	46.562	ug/l	98
37) Ethyl Acetate	4.803	43	277838	51.553	ug/l	99
38) Carbon Tetrachloride	5.523	117	214796	43.917	ug/l	99
39) Methylcyclohexane	6.764	83	212477	47.534	ug/l	99
40) Benzene	5.774	78	598261	47.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	149130	54.758	ug/l	99
42) 1,2-Dichloroethane	5.793	62	229388	46.559	ug/l	99
43) Isopropyl Acetate	5.912	43	404818	51.752	ug/l	99
44) Trichloroethene	6.543	130	147872	45.604	ug/l	100
45) 1,2-Dichloropropane	6.790	63	167444	52.846	ug/l	100
46) Dibromomethane	6.919	93	116904	49.384	ug/l	98
47) Bromodichloromethane	7.105	83	232688	48.606	ug/l	100
48) Methyl methacrylate	6.961	41	198747	56.598	ug/l	97
49) 1,4-Dioxane	6.961	88	82020	1044.860	ug/l	98
51) 4-Methyl-2-Pentanone	7.790	43	1375954	270.904	ug/l	100
52) Toluene	7.970	92	364376	48.401	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	249022	48.222	ug/l	98
54) cis-1,3-Dichloropropene	7.607	75	261743	48.913	ug/l	100
55) 1,1,2-Trichloroethane	8.401	97	158474	47.697	ug/l	99
56) Ethyl methacrylate	8.333	69	261073	49.740	ug/l	98
57) 1,3-Dichloropropane	8.578	76	275152	49.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	331338	275.644	ug/l	97
59) 2-Hexanone	8.684	43	1145138	274.626	ug/l	99
60) Dibromochloromethane	8.809	129	181700	48.787	ug/l	99
61) 1,2-Dibromoethane	8.925	107	173063	47.297	ug/l	99
64) Tetrachloroethene	8.552	164	118098	43.704	ug/l	96
65) Chlorobenzene	9.446	112	405369	49.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	157083	50.441	ug/l	99
67) Ethyl Benzene	9.571	91	717971	51.886	ug/l	99
68) m/p-Xylenes	9.694	106	549545	101.543	ug/l	99
69) o-Xylene	10.102	106	268418	50.483	ug/l	100
70) Styrene	10.115	104	464719	53.137	ug/l	100
71) Bromoform	10.292	173	144932	50.336	ug/l #	99
73) Isopropylbenzene	10.485	105	710954	52.228	ug/l	99
74) N-amyl acetate	10.321	43	351650	50.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.784	83	290588	52.311	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	338016	49.721	ug/l	98
77) Bromobenzene	10.784	156	179239	49.029	ug/l	98
78) n-propylbenzene	10.906	91	833113	51.362	ug/l	99
79) 2-Chlorotoluene	10.986	91	509469	50.508	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	616974	52.119	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	86478	46.186	ug/l	96
82) 4-Chlorotoluene	11.095	91	599472	51.509	ug/l	99
83) tert-Butylbenzene	11.420	119	608683	53.575	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	626434	49.123	ug/l	100
85) sec-Butylbenzene	11.645	105	754242	53.065	ug/l	99
86) p-Isopropyltoluene	11.793	119	644830	52.829	ug/l	99
87) 1,3-Dichlorobenzene	11.745	146	348061	48.560	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	345437	46.648	ug/l	99
89) n-Butylbenzene	12.208	91	561329	46.121	ug/l	100
90) Hexachloroethane	12.478	117	112978	45.353	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	330780	45.683	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.996	75	79884	49.945	ug/l	99
93) 1,2,4-Trichlorobenzene	13.841	180	231370	48.694	ug/l	98
94) Hexachlorobutadiene	14.021	225	94354	41.429	ug/l	96
95) Naphthalene	14.086	128	793912	47.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	230047	48.882	ug/l	100

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

